AMENDMENTS TO THE CLAIMS

Please amend claim 1 as follows:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A process for manufacturing metal foam, the process comprising:

introducing gas into a foamable molten metal from at least two neighboring similarly dimensioned feed pipes projecting into a metallurgical vessel; ~~and~~

forming bubbles in an area of ends of the ~~projecting pipe,~~ feed pipes;

~~whereby~~ ensuring that abutting areas of adjacent bubbles form particle-containing interstructures; and

at least one of:

forming the particle-containing interstructures of the adjacent bubbles before the bubbles separate from the ends of the feed pipes; and

shifting laterally a row of the bubbles before a new row of bubbles is formed.

2. (Original) The process of claim 1, wherein the metal foam is a free-flowing metal foam having a monomodal distribution of cavity dimensions.

3. (Original) The process of claim 1, further comprising:

determining a size of individual bubbles based upon a distance between adjacent feed pipes.

4. (Original) The process of claim 3, wherein the bubbles comprise cavities and wherein the process further comprises:

determining a size of individual cavities based upon a distance between adjacent feed pipes.

5. (Original) The process of claim 1, wherein the introducing comprises introducing gas into one of a mold and an ingot mold.

6. (Original) The process of claim 5, further comprising:

allowing the metal foam to solidify.

7. (Original) The process of claim 6, further comprising:

forming a dischargeable member having the solidified metal foam.

8. (Original) The process of claim 1, wherein the introducing comprises introducing the gas into a mold after an essentially thin-walled solidification stage occurs.

9. (Original)The process of claim 8, wherein the mold comprises an ingot mold.

10. (Original)The process of claim 8, wherein the essentially thin-walled solidification stage comprises allowing molten metal to solidify on an internal wall of the mold.

11. (Withdrawn) A device for manufacturing a metal foam, the device comprising:

at least two feed pipes for introducing gas; and

the at least two feed pipes being arranged next to one another,

wherein each of the at least two feed pipes project into a foamable melt.

12. (Withdrawn) The device of claim 11, wherein the at least two feed pipes are arranged at a distance from one another.

13. (Withdrawn) The device of claim 12, wherein a size of individual bubbles is based upon the distance.

14. (Withdrawn) The device of claim 11, wherein the metal foam is a free-flowing metal foam having a monomodal distribution of cavity dimensions.

15. (Withdrawn) The device of claim 11, further comprising at least one additional feed pipe, wherein each of the feed pipes projects into a molten mass.

16. (Withdrawn) The device of claim 15, wherein the at least one additional feed pipe is arranged offset relative to one of the at least two feed pipes.

17. (Withdrawn) The device of claim 16, wherein the at least one additional feed pipe is spaced at an equal distance from each of the at least two feed pipes.

18. (Withdrawn) The device of claim 11, wherein the at least two feed pipes comprise ends which are substantially similarly shaped.

19. (Withdrawn) The device of claim 18, wherein the ends are arranged on at least one of a common plane and a common surface.

20. (Withdrawn) The device of claim 11, wherein the at least two feed pipes are substantially similarly shaped and sized.

21. (Withdrawn) The device of claim 18, wherein the ends are arranged on at least one of a common plane and a common surface.

22. (Withdrawn) A metal foam comprising:

a plurality of cavities formed by introduction of a gas into an area wherein several equally spaced ends of equally dimensioned feed pipes project into a foamable melt;

the cavities being arranged in a monomodal distribution; and

adjacent cavities abutting one another.

23. (Withdrawn) The metal foam of claim 22, wherein adjacent cavities that abut one another grow together by introducing the gas.

24. (Withdrawn) The metal foam of claim 22, wherein the cavities comprise a substantially predetermined size.

25. (Withdrawn) The metal foam of claim 22, wherein the cavities comprise a substantially predetermined shape.

26. (Withdrawn) The metal foam of claim 22, wherein the metal foam is included in a component having a relatively low weight.

27. (Withdrawn) The metal foam of claim 22, wherein the metal foam is included in a component having a relatively high energy absorption during deformation.

28. (Withdrawn) A lightweight metal part comprising the foam metal of claim 22.

29. (Withdrawn) The lightweight metal part of claim 28, wherein the lightweight metal part comprises an automobile part.

30. (Withdrawn) The lightweight metal part of claim 28, wherein the lightweight metal part comprises an aerospace part.